

Suction cup BL40-3P Polyurethane 30/70

Article number: 0112667



- High-flow fitting allowing high initial vacuum flow needed for plastic bag handling.
- Suitable for level adjustment and uneven surfaces.
- Dual hardness allowing strength and stability in conjunction with softness and flexibility.
- DURAFLEX® material features the elasticity of rubber in combination with the wear resistance of polyurethane.
- The DURAFLEX® material is mark-free.

Technical data

Description	Unit	Value
Suction cup shape	-	Multibellows
Application	-	Bag handling
Suction cup design	-	Round
Characteristics	-	Bag handling
Material	-	Polyurethane (PU)
Weight, min.	g	12
Suction cup model	-	BL-3-P
Volume	cm ³	27
Height	mm	42.4
Outer diameter, min.	mm	40
Fitting size	-	None
Fitting option	-	None
Fitting style	-	None
Fitting type	-	None
Suction cup model	-	BL40-3P
Movement, vertical max.	mm	21
Curve radius, min.	mm	13

Performance - Lifting forces

BL40-3P	Vertical (N)	Parallel (N)
20 -kPa	20	13
60 -kPa	43	24
90 -kPa	55	36

Material

Name	Polyurethane (PU30)	Polyurethane (PU70)
Colour	Yellow	Black
Temperature, min. °C	10	10
Temperature max. °C	50	50
Hardness °Shore A	30	70

Material resistance

	Polyurethane (PU30)	Polyurethane (PU70)
Alcohol	n/a	n/a
Concentrated acids	Fair	Fair
Ethanol	Fair	Fair
Hydrolysis	Fair	Fair
Methanol	Poor	Poor
Oil	Excellent	Excellent
Oxidation	Poor	Poor
Petrol	Fair	Fair
Wear resistance	Excellent	Excellent

Water and ozone	Excellent	Excellent
Name	Polyurethane (PU30)	Polyurethane (PU70)
Dimensional drawings	Yellow	Black
	10	
	50	
	70	
	n/a	
	Fair	
	Fair	
	Fair	
	Poor	
	Excellent	
	Poor	
Fair		
Excellent		
Excellent		

Values specified in this data sheet are tested at (unless otherwise stated):

- Room temperature (20°C [68°F] ± 3°C [5.5°F]).
- Standard atmosphere (101.3 [29.9 inHg] ± 1.0 kPa [0.3 inHg]).
- Relative humidity 20-70%.
- Compressed air quality, DIN ISO 8573-1 class 4.

Accessories

- 0112662 | Fitting G3/8" male, bag
- 0112692 | Fitting 3/8" NPT male, bag